

Claims

1. A process for creating a three-dimensional physical replica of a subject, comprising:
 - a) digitizing an image of a subject at a scanning center using three-dimensional image digitizers to produce a raw file;
 - b) processing the image at the scanning center to produce an enhanced output file;
 - c) electronically transmitting the enhanced output file to a fulfillment center;
 - d) manufacturing a three-dimensional physical replica of the subject from the enhanced output file;
2. The process of claim 1, wherein in (b), the raw file is processed to remove distortion and repair any problems in the file.
3. The process of claim 1, wherein in (b), the raw file is processed to enhance the artistic value of the raw file.
4. The process of claim 1, wherein in (b), the raw file is processed with the addition of identification indicia.
5. The process of claim 1, wherein in (b), the raw file is processed to combine the raw file with other files to generate a new raw file.
6. The process of claim 1, wherein in (b), the raw file is processed into a form suitable for the manufacturing machines.
7. The process of claim 1, further comprising: using a sculptor to further refine the replica physical object for artistic enhancement.
8. The process of claim 1, further comprising: specifying an object material out of which the replica is produced
9. The process of claim 1, further comprising: the deposition of a metal surface on the replica.
10. The process of claim 1, further comprising: using the physical replicas as patterns for casting.
11. The process of claim 1, further comprising: mass producing the physical replicas
12. The process of claim 1, further comprising: mounting the physical replica on structures for artistic presentation.